FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

10-03-2002

U.S. Department of Commerce Patent and Trademark Office PATENT



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FORM PTO-1 Expires 06/30/99 OMB 0651-0027	619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT					
Correspond	ent Name and Address	Area Code and Telephone Number	630-252-2393					
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PATENT REEL: 013339 FRAME: 0406

CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Firms)

Title:

Cloning And Sequencing Of Pyruvate Decarboxylase (PDC) Genes From Bacteria

And Uses Therefor

Inventor(s): Lonnie O. Ingram, Julie A. Maupin-Furlow, Lee Ann Talarico, Chandra Raj

Krishnan

Serial No.: 10/136,960 Filing Date (U.S.): April 30, 2002

Contractor: University of Florida

DOE Case No.: S-98,150

DOE Contract No.: FG02-96ER20222 and ZDH-9-29009-04

Patent Rights Clause No.: N/A

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries): PCT,

Thailand, Argentina.

The Contractor, having the right to retain title to Subject Inventions as a result of Public Law 96-517, has reported the above-identified invention as a Subject Invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States, required by the Public Law and the above-identified contract, in this Subject Invention, patent application and any resulting patent, as well as any continuation, divisional, reissue or supplemental thereof, throughout the world and of all other rights acquired by the Government by the above-identified patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the aboveidentified Subject Invention.

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Signed this John day of July

By: David L. Day, Director, Office of Technology Licensing

(Contractor's Official and Title)

223 Grinter Hall, Gainesville, FL 32611 (Business Address)

> **PATENT** REEL: 013339 FRAME: 0407

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8) Applicant(s):			Docket No. S-98,150				
Serial No. 10/136,960	Filing Date April 30, 2002	Examiner	:	Group Art Unit			
nvention:							
Cloning and Sequencing of Pyruvate Decarboxylase (PDC) Genes from Bacterial							
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